

Pre-European Settlement Forest Composition in East New Jersey and South-eastern New York.....	Robert E. Loeb	414
Intraspecific Differences in Reproductive Potential, Realized Reproduction and Actual Production in the Crayfish <i>Oncorhynchus propinquus</i> (Girard 1852) in Ontario.....	S. Corey	424
Annual Production of <i>Corydalus cornutus</i> (Megaloptera) in the Guadalupe River, Texas.....	Charles R. Epperson and Robert A. Short	433
Social Behavior of Adult Whirligig Beetles (<i>Dineutus nigrior</i> and <i>D. discolor</i> (Coleoptera: Gyrinidae)).....	V. J. Fitzgerald	439
Statement of Ownership, Management and Circulation.....		448

AUTHOR INDEX

Alcock, John	128	Hainze, John H.	162
Anderson, Roger C.	56	Hamilton, Meredith J.	266
Bandoli, James H.	10	Harris, Richard R.	393
Barden, Lawrence S.	40	Harten, James B.	337
Beatty, Susan W.	198	Herndon, Alan	406
Betta, Tim M.	301	Hill, B. H.	85
Bowers, Michael A.	139	Hodgson, James R.	323
Bowers, M. Deane	153	Kennedy, Michael L.	266
Bowles, John B.	32	Kephart, Susan R.	64
Bowyer, R. Terry	225	Kitchell, James F.	323
Bragg, Thomas B.	358	Kitchen, David W.	225
Bronstein, Judith L.	205	Klippel, Walter E.	214
Bush, Albert O.	289	Kroodsma, Roger L.	275
Bush, J. K.	385	Laurance, William F.	1
Callaway, Ragan M.	107	Lederhouse, Robert C.	211
Chew, Robert M.	177	Liberta, Anthony E.	56
Clark, Brenda S.	32	Loeb, Robert E.	414
Clark, Bryon K.	32	Mengak, Michael T.	236, 284
Clebsch, Edward E. C.	107	Murphy, Mark	236
Coan, Michael E.	1	Nilsen, Erik T.	46
Collier, Boyd D.	189	O'Neill, Kevin M.	128
Corey, S.	424	Pagels, John F.	217
Doyle, A. T.	258	Phillips, D. L.	348
Dunn, Christopher P.	366, 375	Racsly, Richard L.	15
Eickmeier, William G.	337	Rathet, Ilyse	205
English-Loeb, Gregory M.	189	Reash, Rob J.	301
Epperson, Charles R.	433	Reynolds, Timothy D.	245
Esch, Gerald W.	289	Rockey, Sarah J.	162
Fitzgerald, V. J.	439	Rundel, P. W.	46
French, Thomas W.	217	Scriber, J. Mark	162, 211
Gardner, T. J.	85	Sharifi, M. R.	46
George, T. Luke	121	Sholes, Owen D. V.	198
Ghent, A. W.	251	Short, Robert A.	433
Goater, Timothy M.	289		
Guynn, David C., Jr.	284		

Pre-European Settlement Forest Composition in East New Jersey and South-eastern New York.....	Robert E. Loeb	414
Intraspecific Differences in Reproductive Potential, Realized Reproduction and Actual Production in the Crayfish <i>Oncorhynchus propinquus</i> (Girard 1852) in Ontario.....	S. Corey	424
Annual Production of <i>Corydalus cornutus</i> (Megaloptera) in the Guadalupe River, Texas.....	Charles R. Epperson and Robert A. Short	433
Social Behavior of Adult Whirligig Beetles (<i>Dineutus nigrior</i> and <i>D. discolor</i> (Coleoptera: Gyrinidae)).....	V. J. Fitzgerald	439
Statement of Ownership, Management and Circulation.....		448

AUTHOR INDEX

Alcock, John	128	Hainze, John H.	162
Anderson, Roger C.	56	Hamilton, Meredith J.	266
Bandoli, James H.	10	Harris, Richard R.	393
Barden, Lawrence S.	40	Harten, James B.	337
Beatty, Susan W.	198	Herndon, Alan	406
Betta, Tim M.	301	Hill, B. H.	85
Bowers, Michael A.	139	Hodgson, James R.	323
Bowers, M. Deane	153	Kennedy, Michael L.	266
Bowles, John B.	32	Kephart, Susan R.	64
Bowyer, R. Terry	225	Kitchell, James F.	323
Bragg, Thomas B.	358	Kitchen, David W.	225
Bronstein, Judith L.	205	Klippel, Walter E.	214
Bush, Albert O.	289	Kroodsma, Roger L.	275
Bush, J. K.	385	Laurance, William F.	1
Callaway, Ragan M.	107	Lederhouse, Robert C.	211
Chew, Robert M.	177	Liberta, Anthony E.	56
Clark, Brenda S.	32	Loeb, Robert E.	414
Clark, Bryon K.	32	Mengak, Michael T.	236, 284
Clebsch, Edward E. C.	107	Murphy, Mark	236
Coan, Michael E.	1	Nilsen, Erik T.	46
Collier, Boyd D.	189	O'Neill, Kevin M.	128
Corey, S.	424	Pagels, John F.	217
Doyle, A. T.	258	Phillips, D. L.	348
Dunn, Christopher P.	366, 375	Racsly, Richard L.	15
Eickmeier, William G.	337	Rathet, Ilyse	205
English-Loeb, Gregory M.	189	Reash, Rob J.	301
Epperson, Charles R.	433	Reynolds, Timothy D.	245
Esch, Gerald W.	289	Rockey, Sarah J.	162
Fitzgerald, V. J.	439	Rundel, P. W.	46
French, Thomas W.	217	Scriber, J. Mark	162, 211
Gardner, T. J.	85	Sharifi, M. R.	46
George, T. Luke	121	Sholes, Owen D. V.	198
Ghent, A. W.	251	Short, Robert A.	433
Goater, Timothy M.	289		
Guynn, David C., Jr.	284		

Shure, D. J.	348	Wakkinen, Wayne L.	245
Spencer, David F.	77	Waldbauer, G. P.	145
Stearns, Forest.	366, 375	Wells, P. V.	94
Steinauer, Ernest M.	358	White, Peter S.	107
Stencel, J. E.	251	Williams, Ernest H.	153
Sternberg, J. G.	145	Wood, Gene W.	236
Stewart, J. D.	94		
Van Auken, O. W.	385		
Van Buskirk, Joseph.	169		

SUBJECT INDEX

<i>Acacia</i> spp., dead thorns as arthropod habitat	205	<i>Diospyros texana</i> , competition with mesquite	385
Amphibians, helminth parasites of salamanders	289	Ecology, animal, ant colony dynamics	177
Appalachian Mountains, forest communities	107	dead <i>Acacia</i> thorns as arthropod habitat	205
helminth parasites of salamanders	289	edge effect on breeding birds	275
litter-fall patterns in forest	348	emergence effects on dragonfly males	169
<i>Arctostaphylos insularis</i> , influence on <i>Tamalia coveni</i>	198	feral ungulates and plant communities	236
Arizona, ant colony dynamics	177	fish communities in stream	301
territory and competition in insects	128	foraging by bass	323
<i>Asclepias</i> spp., phenology	64	host phenology effects on insect	198
Behavior, social of whirligig beetles	439	mammals entrapped in bottles	217
territorial Townsend's solitaires	121	microhabitat separation among microtines	258
vocalizations of Roosevelt elk	225	mimicry in butterflies	145
Birds, behavior of Townsend's solitaires	121	movements of harlequin bugs	189
edge effect on breeding	275	parasite communities in salamanders	289
California, growth of <i>Potamogeton pectinatus</i>	77	production of stream insect	433
host phenology effects on <i>Tamalia coveni</i>	198	reproduction of <i>Orconectes propinquus</i>	424
leaf dynamics of <i>Prosopis</i>	46	territory and competition in insects	128
nonmigratory movement of harlequin bugs	189	vocalizations of Roosevelt elk	225
vegetation on floodplain	393	Ecology plant, competition between mesquite and persimmon	385
vocalizations of Roosevelt elk	225	desiccation tolerance in desert pteridophytes	337
<i>Callossoma promethea</i> , mimicry	145	effects of feral ungulates on plant communities	236
Caves, winter habitat selection by bats	15	forests of Smoky Mountains	107
<i>Cervus elaphus</i> rosevelti, vocalizations	225	growth of <i>Potamogeton pectinatus</i>	77
<i>Clethrionomys californicus</i> , microhabitat	258	host plants of butterfly	153
<i>Corydalus cornutus</i> , production	433	leaf dynamics	46
Costa Rica, dead <i>Acacia</i> thorns as arthropod habitat	205	litter-fall patterns in disturbance patches	348
<i>Danaus</i> spp., mimicry	145	mycorrhizae in sand prairie plants	56
Desert, desiccation tolerance in pteridophytes	337	phenology in <i>Asclepias</i>	64
		ponderosa pine invades prairie	358

pre-European forest composition	414
resource allocation and reproduction in	
<i>Liatris</i>	406
taiga and fauna in Pleistocene	94
vegetation layers and soils in wetland	
forest	366, 375
vegetation on floodplain	393
EDEX, ecological data exchange	22
<i>Euphydryas gillettii</i> , host-plant use	153
Fish, communities in stream	301
foraging by largemouth bass	323
Florida, dark morph females in tiger	
swallowtail	211
resource allocation and reproduction	
in <i>Liatris</i>	406
Fungi, mycorrhizae in sand prairie	
plants	56
Genetics, genetic variation in raccoon	266
Great Smoky Mountains, forest	
communities	107
<i>Hemipepsis ustulata</i> , territory and	
competition	128
Idaho, burrows of rodents	245
ticks on small mammals	1
Illinois, mycorrhizae in sand prairie	
plants	56
populations of white and gray	
phenotypes	251
Indiana, phenology in <i>Asclepias</i>	64
Insects, ant colony dynamics	177
diapause in eastern tiger	
swallowtail	162
emergence effects on dragonfly	
males	169
host plant of montane butterfly	153
mimicry in butterflies	145
mimetic dark-morph females in tiger	
swallowtail	211
nonmigratory movements of	
harlequin bugs	189
production of <i>Corydalis cornuta</i>	433
stem-boring dipteran on <i>Solidago</i>	139
territory and competition	128
<i>Tipula</i> (sp.) on <i>Solidago</i>	139
social behavior of whirligig beetles	439
Invertebrates other than insects, dead	
thorns of <i>Acacia</i> as arthropod	
habitat	205
intraspecific differences in reproduction	
of <i>Oreocetes propinquus</i>	424
Iowa, Indiana bat endangered	32
<i>Isomeris arborea</i> , host plant of	
harlequin bug	189
<i>Liatris laevigata</i> , resource allocation	
and reproduction	406
<i>Lonicera involucrata</i> , host plant of montane	
butterfly	153
Mammals, bats summer status in	
Iowa	32
bats winter habitat selection	15
burrow occupancy of Botta's pocket	
10	
burrows of rodents	245
entrapped in bottles	217
feral ungulates, influence on plant	
communities	236
genetic variation in raccoon	266
microhabitat separation among	
microtines	258
<i>Microtus pennsylvanicus</i> in Holocene .	214
pitfall and snap traps for small	
mammals and herpetofauna	284
populations of white and grey	
squirrels	251
ticks on	1
vocalizations of Roosevelt elk	225
Michigan, foraging by	
largemouth bass	323
mimicry in butterflies	145
Microhabitat, microtine	258
<i>Microtus salmoides</i> , foraging	323
<i>Microstegium vimineum</i> , invasion in	
Piedmont	40
<i>Microtus oregoni</i> and <i>M. richardsoni</i> ,	
microhabitat separation	258
<i>Microtus pennsylvanicus</i> , remains from	
Holocene	214
Mimicry, butterfly color patterns	145, 211
Minnesota, stem boring Dipteran on	
<i>Solidago</i>	139
<i>Murgantia histrionica</i> , nonmigratory	
movement	189
<i>Myadestes townsendi</i> , behavior	121
<i>Myotis sodalis</i> , summer status in Iowa .	32
Nebraska, ponderosa pine invades	
prairie	358
New Jersey, pre-European forest	
composition	414
New Mexico, behavior of Townsend's	
solitaires	121
burrow occupancy by Botta's pocket	
gopher	10
New York, pre-European forest	
composition	414
North Carolina, feral ungulates at	
Shackelford Banks	236
invasion of Piedmont by exotic	
grass	40
litter fall patterns in disturbance	
patches	348

parasites of salamanders	289
Ohio, fish communities in stream	301
Ontario, Canada, intraspecific differences in reproduction of <i>Orconectes propinquus</i>	424
<i>Orconectes propinquus</i> , intraspecific differences	424
Oregon, microhabitat separation among microtines	258
Paleoecology, <i>Microtus pennsylvanicus</i>	
in Holocene	214
taiga and fauna in Pleistocene	94
<i>Papilio glaucus</i> , dark morph females	211
diapause	162
Parasites, helminths on salamanders	289
ticks on small mammals	1
Pennsylvania, emergence, influence on dragonfly males	169
Physiology, plant desiccation tolerance in desert pteridophytes	337
<i>Pinus ponderosa</i> , invasion of prairie	358
Pleistocene, taiga and fauna on Great Plains	94
<i>Potamogeton pectinatus</i> , growth	77
<i>Procyon lotor</i> , genic variability	266
<i>Prosopis glandulosa</i> , competition with Texas persimmons	385
leaf dynamics	46
Pteridophytes, desiccation tolerance	337
Reproduction, intraspecific differences in <i>Orconectes propinquus</i>	
resource allocation in <i>Liatris</i>	406
vocalizations of Roosevelt elk during rut	225
Reptiles, sampling	284
<i>Rhododendron maximum</i> , leaf dynamics	46
Sampling, pitfalls and snap traps for small mammals and herpetofauna	
<i>Sciurus carolinensis</i> , populations of white and gray phenotypes	251
Statement of ownership	448
Streams, fish communities	301
production of insects	433
seston dynamics	85
vegetation on floodplain	393
<i>Strymon melinus</i> , territory and competition	128
<i>Sympetrum rubicundulum</i> , influence of emergence on males	169
<i>Tamalia coweni</i> , galls on <i>Arctostaphylos insularis</i>	
Tennessee, edge effect on birds	275
<i>Microtus pennsylvanicus</i> remains from Holocene	214
Texas, competition between persimmon and mesquite	385
desiccation tolerance in desert pteridophytes	337
seston dynamics in streams	85
<i>Thomomys bottae</i> , burrow occupancy	10
<i>Valeriana occidentalis</i> , host plant of montane butterfly	
Virginia, leaf dynamics of <i>Rhododendron</i>	46
mammals entrapped in bottles	217
social behavior of whirligig beetles	439
West Virginia, winter habitat selection by bats	
Wisconsin, wetland forest	366, 375
Wyoming, butterfly host plants	153

L
8

7

I

THE AMERICAN MIDLAND NATURALIST

Founded by J. A. Nieuwland, C.S.C.

Editor

Robert P. McIntosh

Gregory J. Anderson, Storrs, Connecticut	Systematic Botany
Albert O. Bush, Brandon, Man., Canada	Parasitology
Harald E. Esch, Notre Dame, Indiana	Animal Behavior
Arthur W. Ghent, Urbana, Illinois	Biological Statistics
Deborah Goldberg, Ann Arbor, Michigan	Plant Population Ecology
James F. Lynch, Edgewater, Maryland	Animal Ecology
Roy W. McDiarmid, Washington, D. C.	Herpetology
Russell K. Monson, Boulder, Colorado	Plant Physiology
Samuel C. Mozley, Raleigh, North Carolina	Limnology and Hydrobiology
Brent B. Nickol, Lincoln, Nebraska	Invertebrate Zoology
Robert K. Rose, Norfolk, Virginia	Mammalogy
William M. Shields, Syracuse, New York	Ornithology
Frank Slansky, Jr., Gainesville, Florida	Entomology
Roy A. Stein, Columbus, Ohio	Ichthyology
John Vankat, Oxford, Ohio	Vegetation Ecology

Vol. 118, 1987

(July, October)

Dates of Publication

No. 1 September 10 1987

No. 2 December 21 1987

PUBLISHED BY THE UNIVERSITY OF NOTRE DAME

NOTRE DAME, INDIANA

CONTENTS

No. 1 July 1987

Microhabitat and Demographic Correlates of Tick Parasitism in a Northern Great Basin Small Mammal Community	William F. Laurance and Michael E. Coan	1
Activity and Plural Occupancy of Burrows in Botta's Pocket Gopher <i>Thomomys bottae</i>	James H. Bandoli	20
Winter Habitat Selection by North Temperate Cave Bats	Richard L. Raesly and J. Edward Gates	15
Summer Status of the Endangered Indiana Bat in Iowa	Bryon K. Clark, John B. Bowles and Brenda S. Clark	32
Invasion of <i>Microstegium vimineum</i> (Poaceae), an Exotic, Annual, Shade-Tolerant, C ₄ Grass, into a North Carolina Floodplain	Lawrence S. Barden	40
Leaf Dynamics in an Evergreen and a Deciduous Species with Even-aged Leaf Cohorts, from Different Environments	Erik T. Nilsen, M. R. Sharifi and P. W. Rundel	46
Variation in Vesicular-arbuscular Mycorrhizal Relationships of Two Sand Prairie Species	Roger C. Anderson and Anthony E. Liberta	56
Phenological Variation in Flowering and Fruiting of <i>Asclepias</i> Susan R. Kephart		64
Tuber Size and Planting Depth Influence Growth of <i>Potamogeton pectinatus</i> L.	David F. Spencer	77
Seston Dynamics in Two Texas Prairie Streams	B. H. Hill and T. J. Gardner	85
Cordilleran-boreal Taiga and Fauna on the Central Great Plains of North America, 14,000-18,000 Years Ago	P. V. Wells and J. D. Stewart	94
A Multivariate Analysis of Forest Communities in the Western Great Smoky Mountains National Park	Ragan M. Callaway, Edward E. C. Clebsch and Peter S. White	107
Behavior of Territorial Male and Female Townsend's Solitaires (<i>Myadestes townsendi</i>) in Winter	T. Luke George	121
Territory Preferences and Intensity of Competition in the Grey Hairstreak <i>Strymon melinus</i> (Lepidoptera, Lycaenidae) and the Tarantula Hawk Wasp <i>Hemipepsis ustulata</i> (Hymenoptera, Pompilidae)	John Alcock and Kevin M. O'Neil	128
Use of Early Goldenrod (<i>Solidago</i>) Patches by a Stem-boring Dipteron	Michael A. Bowers	139
Experimental Field Demonstration that Two Aposematic Butterfly Color Patterns Do Not Confer Protection Against Birds in Northern Michigan	G. P. Waldbauer and J. G. Sternburg	145
Factors Affecting Host-plant Use by the Montane Butterfly <i>Euphydryas gillettii</i> (Nymphalidae)	Ernest H. Williams and M. Deane Bowers	153
A Latitudinal and Obligatory Diapause Response in Three Subspecies of the Eastern Tiger Swallowtail <i>Papilio glaucus</i> (Lepidoptera: Papilionidae)	Sarah J. Rockey, John H. Hainze and J. Mark Scriber	162
Influence of Size and Date of Emergence on Male Survival and Mating Success in a Dragonfly, <i>Sympetrum rubicundulum</i>	Joseph Van Buskirk	169
Population Dynamics of Colonies of Three Species of Ants in Desertified Grassland, Southeastern Arizona, 1958-1981	Robert M. Chew	177
Nonmigratory Movement of Adult Harlequin Bugs <i>Murgantia histrionica</i> (Hemiptera: Pentatomidae) as Affected by Sex, Age and Host Plant Quality	Gregory M. English-Loeb and Boyd D. Collier	189
Influence of Host Phenology and Vegetation on the Abundance of <i>Tamalia coweni</i> Galls (Homoptera: Aphididae) on <i>Arctostaphylos insularis</i> (Ericaceae)	Owen D. V. Sholes and Susan W. Beatty	198

Notes and Discussion

Dead Acacia Thorns: An Undescribed Arthropod Habitat	205
Increased Relative Frequency of Dark Morph Females in the Tiger Swallowtail Papilio glaucus (Lepidoptera: Papilionidae) in S-Central Florida	211
Microtus pennsylvanicus from the Holocene of the Nashville Basin	214
Discarded Bottles as a Source of Small Mammal Distribution Data	217
EDEX	220

CONTENTS

No. 2, October 1987

Sex and Age-class Differences in Vocalizations of Roosevelt Elk During Rut	225
Ecological Importance of Feral Ungulates at Shackleford Banks, North Carolina	236
Characteristics of the Burrows of Four Species of Rodents in Undisturbed Soils in Southeastern Idaho	245
Analyses of Annual Surveys of White and Gray Squirrels (<i>Sciurus carolinensis</i>) in Olney, Illinois, 1977-1986	251
Microhabitat Separation among Sympatric Microtines, <i>Clethrionomys californicus</i> , <i>Microtus oregoni</i> and <i>M. richardsoni</i>	258
Genic Variability in the Raccoon <i>Procyon lotor</i>	266
Edge Effect on Breeding Birds along Power-line Corridors in East Tennessee	275
Pitfalls and Snap Traps for Sampling Small Mammals and Herpetofauna	284
Helminth Parasites of Sympatric Salamanders: Ecological Concepts at Infracommunity, Component and Compound Community Levels	289
Comparison of Fish Communities in a Clean-water Stream and an Adjacent Polluted Stream	301
Opportunistic Foraging by Largemouth Bass (<i>Micropterus salmoides</i>)	323
Comparative Desiccation Tolerance of Three Desert Pteridophytes: Response to Long-term Desiccation	337
Litter-Fall Patterns within Different-sized Disturbance Patches in a Southern Appalachian Mountain Forest	348
Ponderosa Pine (<i>Pinus ponderosa</i>) Invasion of Nebraska Sandhills Prairie	358
Relationship of Vegetation Layers to Soils in Southeastern Wisconsin Forested Wetlands	366
A Comparison of Vegetation and Soils in Floodplain and Basin Forested Wetlands of Southeastern Wisconsin	375
Interspecific Competition Between <i>Prosopis glandulosa</i> Torr. (Honey Mesquite) and <i>Diospyros texana</i> Scheele (Texas Persimmon)	385
Occurrence of Vegetation on Geomorphic Surfaces in the Active Floodplain of a California Alluvial Stream	393
Variation in Resource Allocation and Reproductive Effort within a Single Popula- tion of <i>Liatris laevigata</i> Nuttall (Asteraceae)	406

Pre-European Settlement Forest Composition in East New Jersey and South-eastern New York.....	Robert E. Loeb	414
Intraspecific Differences in Reproductive Potential, Realized Reproduction and Actual Production in the Crayfish <i>Orconectes propinquus</i> (Girard 1852) in Ontario.....	S. Corey	424
Annual Production of <i>Corydalus cornutus</i> (Megaloptera) in the Guadalupe River, Texas.....	Charles R. Epperson and Robert A. Short	433
Social Behavior of Adult Whirligig Beetles (<i>Dineutes nigror</i> and <i>D. discolor</i> (Coleoptera: <i>Gyrinidae</i>).....	V. J. Fitzgerald	439
Statement of Ownership, Management and Circulation.....		448

AUTHOR INDEX

Alcock, John.....	128	Hainze, John H.....	162
Anderson, Roger C.....	56	Hamilton, Meredith J.....	266
Bandoli, James H.....	10	Harris, Richard R.....	393
Barden, Lawrence S.....	40	Harten, James B.....	337
Beatty, Susan W.....	198	Herndon, Alan.....	406
Berra, Tim M.....	301	Hill, B. H.....	85
Bowers, Michael A.....	139	Hodgson, James R.....	323
Bowers, M. Deane.....	153	Kennedy, Michael L.....	266
Bowles, John B.....	32	Kephart, Susan R.....	64
Bowyer, R. Terry.....	225	Kitchell, James F.....	323
Bragg, Thomas B.....	358	Kitchen, David W.....	225
Bronstein, Judith L.....	205	Klippel, Walter E.....	214
Bush, Albert O.....	289	Kroodsma, Roger L.....	275
Bush, J. K.....	385	Laurance, William F.....	1
Callaway, Ragan M.....	107	Lederhouse, Robert C.....	211
Chew, Robert M.....	177	Liberta, Anthony E.....	56
Clark, Brenda S.....	32	Loeb, Robert E.....	414
Clark, Bryon K.....	32	Mengak, Michael T.....	236, 284
Clebsch, Edward E. C.....	107	Murphy, Mark.....	236
Coan, Michael E.....	1	Nilsen, Erik T.....	46
Collier, Boyd D.....	189	O'Neill, Kevin M.....	128
Corey, S.....	424	Pagels, John F.....	217
Doyle, A. T.....	258	Phillips, D. L.....	348
Dunn, Christopher P.....	366, 375	Raesly, Richard L.....	15
Eickmeier, William G.....	337	Rathet, Ilyse.....	205
English-Loeb, Gregory M.....	189	Reash, Rob J.....	301
Epperson, Charles R.....	433	Reynolds, Timothy D.....	245
Esch, Gerald W.....	289	Rockey, Sarah J.....	162
Fitzgerald, V. J.....	439	Rundel, P. W.....	46
French, Thomas W.....	217	Scriber, J. Mark.....	162, 211
Gardner, T. J.....	85	Sharifi, M. R.....	46
George, T. Luke.....	121	Sholes, Owen D. V.....	198
Ghent, A. W.....	251	Short, Robert A.....	433
Goater, Timothy M.....	289		
Gwynn, David C., Jr.....	284		

